

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001340

**A. CLASSIFICATION OF SUBJECT MATTER**

Int. Cl. 7: G01N 21/27, G01N 21/35, G08B 21/18, G08B 25/14, G01J 3/51, G01J 5/60

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 DWPI: infrared, bolomet+, thermograph+, filter+,+channel?, +band+, spectr+, G01N-021/27/ic, G01N-021/35/ic; detect+, monitor+, surveill+, imag+, identif+, sens+, inspect+; remot+, satellite?, transmi+; alarm+, alert+, warn+, signal+, G08B/ic, G08G-005/ic, G01W-001/10/ic; temperature?, thermal+, thermot+; camera?, array?, imag+, microbolometer?, G01J-005/ic, radiometer?, and similar keywords

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5654700 A (PRATA et al.) 5 August 1997 Whole document	1-23
Y	US 6023061 A (BODKIN) 8 February 2000 Whole document and in particular see the Abstract; Figures 1, 2 and 5; column 4, lines 10-13; column 6, lines 18-34, 48-49 and 60-67; column 8, lines 21-22; column 9, lines 18-29; column 10, lines 12-20	1-23
Y	US 4965572 A (ADAMSON) 23 October 1990 Abstract; Figures 1, 3-5	1-23

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
24 November 2004

Date of mailing of the international search report

- 2 DEC 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4725733 A (HORMAN et al.) 16 February 1988 Whole document and in particular see the abstract and Figures 1-2	1-23
A	Derwent Abstract Accession No 92-432092/52, Class S03, SU 1712837 A1 (KONOTOP KRASNYI METALLIST WKS) 15 February 1992 Abstract	1-23
A	US 4233596 A (OKAMOTO et al.) 11 November 1980 Whole document	1-23
Y	Derwent Abstract Accession No 2001-345301/37, Class W01, DE 20017217 U1 (HWG TELEKOMMUNIKATIONSSYSTEME GMBH) 21 December 2000 Abstract	1-23
Y	Derwent Abstract Accession No 94-150981/18, Class P35, WO 9408660 A1 (BERTIN & CIE) 28 April 1994 Abstract	1-23
Note: For the Y indications, any of the first three above listed documents (i.e. US 5654700 A, US 6023061 A or US 4965572 A) can be combined with any of the last two above listed documents (i.e. Derwent Abstract Accession No 2001-345301/37 or Derwent Abstract Accession No 94-150981/18).		

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001340

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	5654700	AU	76657/91	CA	2079812	EP	0525007
		HK	1002938	SG	46261	US	5602543
		WO	9115739				
US	6023061						
US	4965572	EP	0418325	WO	8912880		
US	4725733						
SU	1712837						
US	4233596	DE	2836895	GB	2004642	JP	54035426
		NL	7808631				
DE	20017217						
WO	9408660	FR	2696939				

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX